

Abstract

In an elevator apparatus, a car is mounted with an safety device for bringing the car to an emergency stop. A drive unit for raising and lowering the car is controlled by a drive control portion. A safety control portion detects an abnormality in the elevator and outputs an actuation signal. An electrical actuator portion actuates the safety device in response to an actuation signal output from the safety control portion. A mechanical actuator portion mechanically detects an abnormality in the elevator, and actuates the safety device through mechanical transmission of a control force. In the event of power failure, a backup power source enables functioning of at least the drive unit and of the drive control portion.